

ELF5 promotes non-small cell lung cancer cell proliferation through regulating the expression APC2

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Inventory of Supplementary information

Supplementary Tables (Supplementary Table 1-2)

Supplementary Figure (Supplementary Figure 1)

Legend to Supplementary Figure

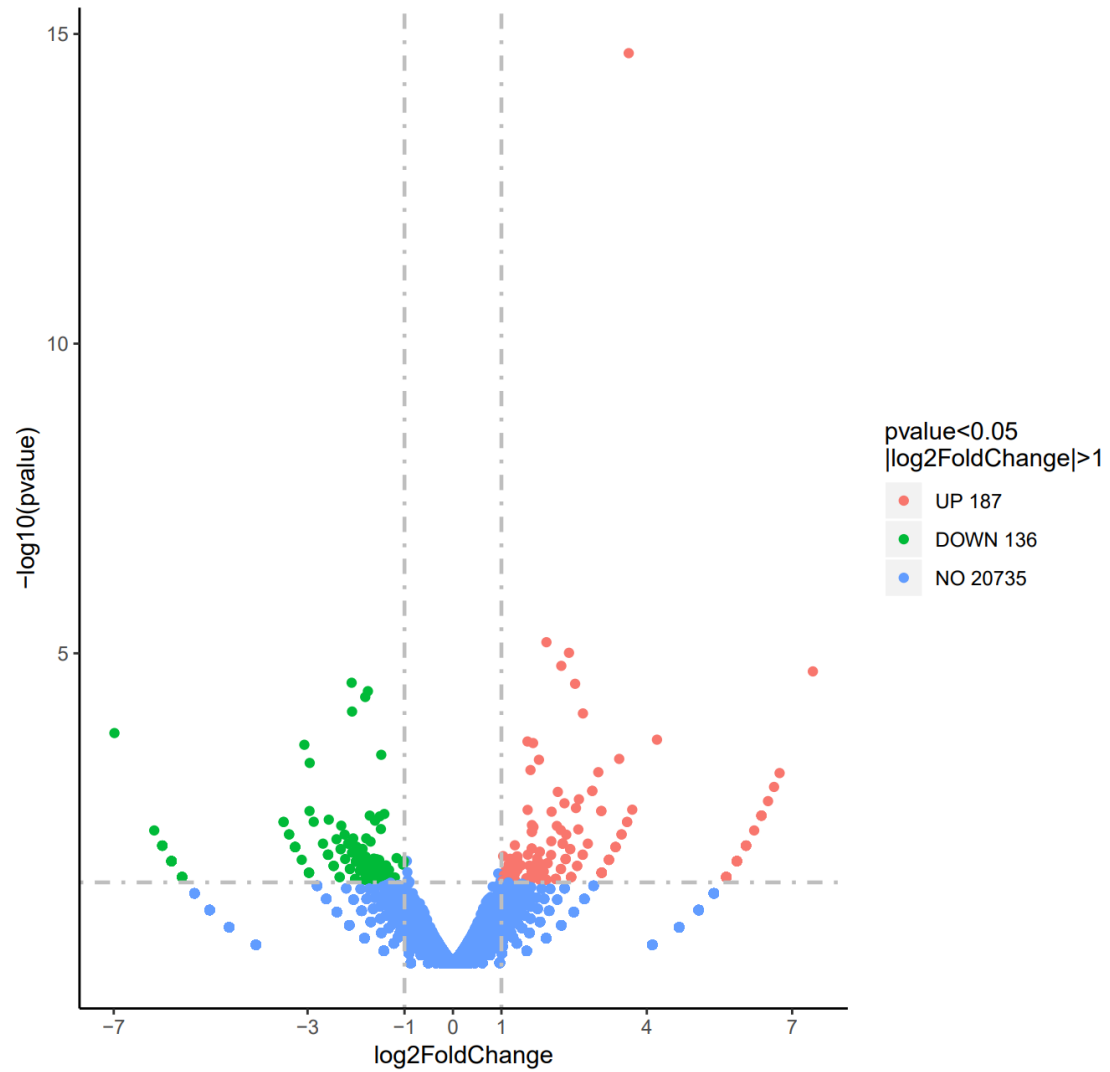
Supplementary Table 1 Primers used for qPCR

Gene symbol	Forward Primer	Reverse Primer
GAPDH	AGATCCCTCCAAAATCAAGTGG	GGCAGAGATGATGACCCTTTT
APC2	GGACCGGGAACGGTGTTTC	AGCTGAGAGTAGTACCAGAGC
Tdrd6	GACGTGCATCCCGATGTGAT	AGCAGGAAGACACGGCTCT
Tal2	GGCAGCAGAATGTCAACAGC	GGCGAAGCGTTTCATTTTTGC
Dsg3	GCAAAAACGTGAATGGGTGAAA	TCCAGAGATTCGGTAGGTGATT
Marco	CAGCGGGTAGACAACCTTCACT	TTGCTCCATCTCGTCCCATAG
Il10	GACTTTAAGGGTTACCTGGGTTG	TCACATGCGCCTTGATGTCTG

Supplementary Table 2 The correlation between the ELF5 expression and the clinical and clinicopathological characteristics of lung adenocarcinoma patients.

Characteristics		ELF5 Positive	ELF5 Negative	P-value
Gender	Cases (n)	38	33	0.952
	Male	21 (55.3%)	18 (54.5%)	
	Female	17 (44.7%)	15 (45.5%)	
Year	Cases (n)	38	34	0.842
	≤55	12 (31.6%)	10 (29.4%)	
	>55	26 (68.4%)	24 (70.6%)	
T classification	Cases (n)	38	33	0.181
	T1-T2	27 (71.1%)	19 (55.9%)	
	T3-T4	11 (28.9%)	14 (41.2%)	
N classification	Cases (n)	36	33	0.129
	N1-N2	29 (80.6%)	21 (63.6%)	
	N3-N3	7 (19.4%)	12 (36.4%)	
M classification	Cases (n)	38	34	0.129
	M0	38 (100.0%)	32 (94.1%)	
	M1	0 (0%)	2 (5.9%)	
Localization	Cases (n)	36	34	1.000
	Right lung	17 (47.2%)	18 (52.9%)	
	Left lung	19 (52.8%)	16 (47.1%)	

Supplementary Figure 1



Supplementary Fig. 1 Volcano Plot of RNA-seq results for LLC cells in either the overexpression or presence of ELF5.